



Atty. Dkt. No. 032026-0754

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Luke J. Mawst, et al.

Title: TYPE II QUANTUM WELL MID-
INFRARED OPTOELECTRONIC
DEVICES

Appl. No.: 10/772,573

Filing Date: 02/05/2004

Examiner: Remmon R. Forde

Art Unit: 2826

<p>CERTIFICATE OF MAILING</p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below.</p> <p><u>Michelle Manning</u> (Printed Name)</p> <p><u>Michelle</u> (Signature)</p> <p><u>June 27, 2005</u> (Date of Deposit)</p>

AMENDMENT AND REPLY UNDER 37 CFR 1.111

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This communication is a reply to a Non-Final Office Action mailed March 25, 2005, in relation to the above-referenced patent application. The period for the initial response to the Office Action is set to expire on June 27, 2005. Accordingly, applicants believe that this response is timely filed.

The Patent Office is hereby authorized to charge any additional fees required for the filing or credit any over payment to deposit account No. 50-2350. For the purpose of charging said deposit account, a duplicate of page one and the signature page of the response is submitted herewith.

06/30/2005 H6UTEMA1 00000013 10772573

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Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this document.

Remarks/Arguments begin on page 12 of this document.

Please amend the application as follows: